

ARCHOS

ARCHOS introduces its PicoWAN Pack, and deploys the first collaborative network dedicated to the IoT

Available December 1st, 2016

this comprehensive and unique pack with its PicoGateway and PicoTag,
not only establishes a local network,
and densifies itself on larger scale,
but also provides users with a smart plug and a geolocalization tag.



Paris - Tuesday, October 25, 2016 - At home every day, owners of connected objects experience the limitations of traditional networks, whether 3G/4G, or WiFi/Bluetooth, in terms of cost, scope and consumption. They too often regret being restrained in their use of these new objects, that are yet so practical for the well-being of every family member, whether to check if children are back home from the school, if the nurse has been to see the grand-parents or if energy has been saved without compromising on comfort, etc. That is why ARCHOS, through its subsidiary PicoWAN, has been working for several months to develop a dedicated network.

This low-power long range network, with bidirectional capabilities, is built from a gateway that comes in the form of a simple plug. It also includes a cloud platform, analysis tools and an application, compatible with smartphones and tablets running Google Android, or PCs, via a web browser. Today proven functional, the network can be deployed.

PicoWAN ensures optimal management of data generated by many connected objects, with a large volume of transactions per accessory. From the top floor to the basement, the attic to the garage, it collects, processes, stores and retrieves all information, including the most sensitive, without decreasing the bandwidth on the traditional network or compromising its integrity.

The infrastructure of PicoWAN is based on the PicoGateway, creating a local wireless loop, or from several, for a densified network on a larger scale, without borders constraints.

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This gateway, the PicoGateway, comes in the form a plug with smart functionalities. It can switch on the heat in the bathroom when the first frost occurs, the lamp in the living room to simulate ones presence when away and deter potential burglars, or tinsels at chosen time slots. Finally, its ingenious design keeps the socket for other equipment to be connected to the electrical circuit!

ARCHOS, with its commitment to democratize innovation, markets a complete and unique package.



With its integrated geolocation module, the PicoTag offered in PicoWAN pack, detects movements and positions. Installed on a door or a drawer, it informs about its opening or closing and ensures that children are back from school and proceed with their homework rather than play on their consoles, usually hidden in the drawer by the entrance. Carefully attached to the dog's collar, it indicates its position in the garden and confirms it has not escaped.

The ARCHOS PicoWAN pack will be available from December 1st 2016, exclusively on the www.archos.com/store online store, priced at € 19.99.

In recognition of their collaboration in the network's deployment, ARCHOS is making available a 19.99€ voucher for every 100€ minimum purchase, valid on ARCHOS' online shop until June 30th, 2017.

Specifications:

PicoWAN network: wireless protocol, proprietary, encrypted, bi-directional, operating at 868MHz on multiple frequency sub-channels, based on a modulation LoRa providing long range.

PicoGateway: gateway constituting the infrastructure of PicoWAN network, providing coverage to 868MHz. 16A 230V smart plug delivering Ethernet and WiFi 2.4GHz IEEE802.11b / g / n for connecting to the Internet and to the PicoWAN cloud solution.

PicoTag: connected object, rechargeable, operating in the presence of PicoWAN network, which generates alerts movement or location through its various sensors.

About ARCHOS

ARCHOS, a pioneer in consumer electronics, has repeatedly revolutionised the market. Among others, the French manufacturer was first with an HDD MP3 player in 2000, a multimedia player in 2003, Google Android powered tablets in 2009, as well as a connected Smart Home in 2014. Today, ARCHOS offers its own line of tablets, smartphones and connected objects worldwide. In September 2016, it created Connected Avenue, a division dedicated to the exclusive marketing and distribution of high-value innovative products in areas related to those of tablets and smartphones: urban mobility, leisure drones and smart toys. With headquarters in France, offices in Europe and in Asia, ARCHOS has become a strong pan-European player and is furthering its international expansion. ARCHOS is quoted on Compartment C of Eurolist, Euronext Paris, ISIN Code: FR0000182479.

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